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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/023,105	12/17/2001	Chae-Whan Lim	678-769 (P9752)	2375

7590 08/05/2004

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EXAMINER

ENG, GEORGE

ART UNIT	PAPER NUMBER
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2643

DATE MAILED: 08/05/2004

7

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/023,105

PR4
Applicant(s)

LIM ET AL.

Examiner

George Eng

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 May 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 and 5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 3 and 5 is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. This Office action is in response to the amendment filed 5/28/2004 (paper no. 6).

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claims 1-2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maekawa (US PAT. 5,838,250) in view of Conoval (US PAT. 6,400,903) and Alexander et al. (US PAT. 6,380,968 hereinafter Alexander).

Regarding claim 1, Maekawa discloses a remote monitoring apparatus comprising a control monitoring unit (32, figure 1) for remote monitoring, a mobile communication terminal (10, figure 1) including a camera unit (12, figure 1) for photographing a subject, for performing a call service and an image processing transmission service including an operation of photographing a subject with the camera unit (col. 3 line 30 through col. 5 line 15), a dynamic support (60B, figure 2) located in a remote place to be monitored and having the mobile communication terminal mounted on the dynamic support. Maekawa differs from the claimed invention in not specifically teaching the dynamic support having the mobile communication terminal detachably mounted on the dynamic support for controlling a posture of the mounted mobile communication terminal and positional movement of the dynamic support upon receiving a posture and position control command on the mounted mobile communication terminal from the monitoring unit via a wireless Internet and the mounted mobile communication terminal. However, Conoval teaches a universal adapter being used with various digital camera products and communication components to effectively function as a single remote imaging and communication unit to giving an ability to be operated remotely over a communication link as seamlessly as a direct camera-to-host connection, thereby makes user friendly. The universal adapter (25, figure 3B) capable of detachably mounting with a camera for controlling a posture of the mounted camera and position movement of the universal adapter upon receiving a posture and position control command on the camera from a host unit via a wireless communication, i.e., wireless Internet (col. 9 line 31 through col. 10 line 28). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the dynamic support of Maekawa having the mobile communication terminal detachably mounted on the

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dynamic support for controlling a posture of the mounted mobile communication terminal and positional movement of the dynamic support upon receiving a posture and position control command on the mounted mobile communication terminal from the monitoring unit via a wireless Internet and the mounted mobile communication terminal, as per teaching of Conoval, because it provides the ability to be operated remotely over a communication link as seamlessly as a direct camera-to-host connection, thereby makes user friendly. Furthermore, neither Maekawa nor Conoval specifically teaches the posture and position control command including an absolute coordinate value to set the positional movement or rotation of the mounted mobile communication terminal or of the dynamic support. However, it is notoriously well known in the art of a posture and position control command including an absolute coordinate value to set the positional movement or rotation in order to ascertain the position of movement, for example see Alexander (col. 7 lines 10-34 and col. 9 lines 23-38). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the combination of Maekawa and Conoval in having the posture and position control command including an absolute coordinate value to set the positional movement or rotation of the mounted mobile communication terminal or of the dynamic support, as per teaching of Alexander, in order to ascertain the position of movement.

Regarding claim 2, Conoval discloses a connector for performing communication between the mounted camera and the universal adapter (figure 3B and col. 9 lines 55-58).

Allowable Subject Matter

4. Claims 3 and 5 allowed.

Response to Arguments

5. Applicant's arguments with respect to claims 1-2 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kawano (US 2001/0043271A1) discloses an image input apparatus engaging with a holding mechanism, wherein the holding mechanism receives an operation control signal from external equipment via interface for changing the image pickup direction of the image input apparatus (abstract).

Edanamo (US PAT. 6,297,846) discloses a display control system for a videoconference terminal utilizing absolute coordinate value to detect a participant position (abstract and col. 5 line 50 through col. 9 line 34).

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any response to this final action should be mailed to:

BOX AF

Commissioner of Patents and Trademarks

Washington D.C. 20231

Or faxed to:

(703) 872-9306 (for Technology Center 2600 only)

Hand delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, V.A., Sixth Floor (Receptionist).

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to George Eng whose telephone number is 703-308-9555. The examiner can normally be reached on Tuesday to Friday from 7:30 AM to 6:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis A. Kuntz, can be reached on (703) 305-4870. The fax phone number for the organization where this application or proceeding is assigned is 703-308-6306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

A handwritten signature in black ink, appearing to read "George Eng". The signature is fluid and cursive, with the first name "George" written in a larger, more prominent script than the last name "Eng".

George Eng
Primary Examiner
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